



January 18, 2018

GATEWAY PROGRAM UPDATE

John D. Porcari, Interim Executive Director

Gateway Program Update



- » Hudson Tunnel Project
 - » Environmental Review and Design
 - » Funding and Financing
- » Portal North Bridge Project
 - » Current Conditions
 - » Project Benefits

Hudson Tunnel Project Update

- » Environmental Review & Permitting - On Track for Completion in March 2018
 - » Final Environmental Impact Statement/Record of Decision to be issued by FRA in March 2018
 - » FTA Record of Decision to follow
- » Funding and Financing
 - » Project advancing through Capital Investment Grant pipeline
 - » Loan applications under development; technical assistance and coordination with USDOT's Build America Bureau
 - » Next steps in grant pipeline and loan application to be completed following completion of environmental review



Portal Bridge Failure on Thursday, January 11, 2018

Delays on the Northeast Corridor from Norfolk to Boston

» NJ TRANSIT and Amtrak

- » **30** cancelled trains
- » **69** delayed trains
 - » Some trains delayed over 2 hours
- » **~30,000** passengers directly affected



Departures			To	Status	Track
Time	No.	Train			
11:00a	172	N.E. Regional	Boston	Delayed	
11:06a	3837	N.E. Corridor	Trenton	Cancelled	
11:29a	6237	Montclair Boonton	MSU	Cancelled	
11:33a	56	Vermont	St. Albans	Delayed	
11:35a	125	N.E. Regional	Norfolk	Delayed	
11:37a	3839	N.E. Corridor	Trenton	Cancelled	
11:43a	3239	No. Jersey Coast	Long Branch	Cancelled	
11:46a	6625	Morristown	Dover	Cancelled	
11:49a	5123	Raritan Valley	Raritan	Cancelled	
12:00p	2117	Acela Express	Washington	Delayed	
12:01p	3841	N.E. Corridor	Trenton	Cancelled	
12:03p	2158	Acela Express	Boston	Delayed	
12:05p	645	Keystone	Harrisburg	Delayed	

Steven Bognar @Bogs4NY · Jan 11
NJ Transit service delays/cancellations in/out Penn Station due to Portal Bridge malfunction.
#NBC4NY
(pics: @Adam4NY)

@Bogs4NY/@Adam4NY

Bridge failed to close during the mid-morning hours. Had the same problem occurred during rush hour, the impacts would have been far more severe.

Existing Portal Bridge Limits Rail Operations

» Low Clearance

- » 23 foot clearance between Hackensack River & Bottom of the Bridge



» Swing Bridge

- » 19th Century Miter Rail Technology

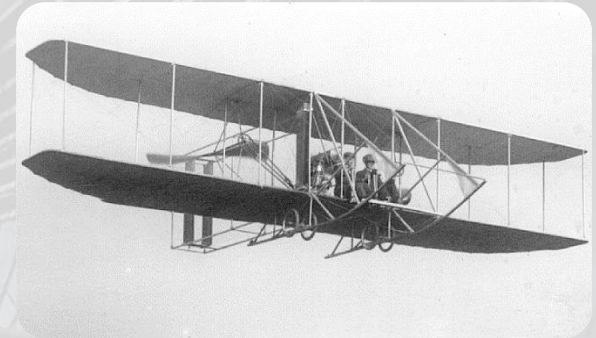


» Speed Restriction



1910 in Transportation

- » Stanley Steamer produces the Model 60 steam-powered vehicle
- » Wright Brothers transition from Model A to Model B
- » Ford produces 19,050 Model Ts



1910 in Transportation

» Pennsylvania Railroad New York-Tennessee Extension Opens on November 27, 1910: » Portal Bridge, North River Tunnel, Penn Station New York

"All the News That's Fit to Print."

The New York Times

NEW YORK, MONDAY, NOVEMBER 28, 1910.—EIGHTEEN PAGES

VOL. LX...NO. 19,301

ONE CENT

In Greater New York, (Hudson, Jersey City, and Newark), TWO CENTS.

THE WEATHER.
Rain or snow to-day; fair to-morrow; high east winds.

100,000 VISITORS SEE NEW PENNA. STATION
A Seventh Avenue Sunday Is Transformed by Opening of the New Structure.

TRAINS THROUGED ALL DAY
Eighty-nine Passed Through New Tunnel, and Probably 25,000 Persons Rode in Them.

The new Pennsylvania Station in Seventh Avenue, between Thirty-first and Thirty-third Streets, attracted sightseers from all over this part of the country for its formal opening yesterday, not only New Yorkers, but people from out of town as well. It was officially estimated last night that during the day 100,000 persons, in addition to the passengers, visited the new station and admired its architectural, mechanical, and other wonders. In addition, the passengers en route and out-going trains, West and South, numbered perhaps 25,000 persons more. The crowds began coming early in the morning, and from that until night the throngs never diminished in size. Every one seemed to have away the impression that the Pennsylvania's Manhattan Station represents the last word in that kind of structure.

That the new station is transforming the city is manifestly being made known when all day yesterday, from early in the morning until late in the evening, seventh Avenue, between Times Square and Thirty-third Street, was crowded with those hurrying to catch trains at the new station. At the Times Square Station on the Subway crowds were seen all day, and the sidewalks were thronged all day, and there was a subway that also would have been crowded.

Station Operated Without Interruption.
The crowds were impressed with the lack of confusion accompanying the opening of the station.

COLD WEATHER COMING.
Rain or Snow Predicted, Too, For All Parts of the Country.

WASHINGTON, Nov. 27.—Storm and cold weather generally throughout the country is the prediction of the Weather Bureau for this week. Chief Moore today issued its forecast:

"The international weather charts prepared daily at the central office of the Weather Bureau indicate that during the coming week a series of storms of marked intensity will cross the United States and that temperature changes preceding and following these disturbances will be decided."

"A disturbance that now covers the Mississippi Valley will advance eastward and cause unsettled weather with rains in the middle and sections and rain and snow in the northern districts out of the Mississippi during the first part of the week; this disturbance will be followed by a marked change to milder weather as far south as the Gulf States and Florida by Monday night of Tuesday.

"Another disturbance that is off the North Pacific Coast will approach the States, and will reach the Atlantic States by Thursday; it will be preceded by rising temperature, and in all probability will be followed by a widespread change to colder weather."

MEN OUTDORE BY BEAVERS.
Destroyed Their Dam, So They Build Another, Flooding the Company's.

STANHOPE, N. J., Nov. 27.—A beaver may not be able to heap coals of fire on the head of one who has done him a wrong, but a colony of paddle tail in its rage has heaped up water damage on the head of a head company which had destroyed the dam it had reared by first, the beaver and hard work.

The war was between the beaver colony, which is protected by law, and a real-estate company that had sprung up a section and wanted to beautify it with an artificial pond. The beaver, being there first, but the engineers gave them no heed when they conceived the idea of building out of the beaver paddles a pond for the beautification of the place.

Accidentally they proceeded ruthlessly to bar down the beaver dam, and the dam did shiver and built upon the same spot an article structure of stone and concrete intended to fit into their scheme of landscape architecture. The dam was completed only a short time ago, and the beaver had remained in seclusion so long

HILL AMazes TAFT BY HIS PESSIMISM
Makes a Prediction That Thousands of Men Will Be Unemployed Next Year.

TO PAY FOR EXTRAVAGANCE
Whole World to Join in Paying Penna.—Canal and Battleships Are Partly to Blame.

Special to The New York Times.
ST. PAUL, Minn., Nov. 27.—The United States and the whole world, in fact—about to harvest the fruits grows of extravagance, according to J. J. Hill, The Chairman of the Board of Directors of the Great Northern Railway is absolutely positive of it. The hour is at hand, he says, and it is too late for warnings.

Standing in the hallway of the railroad on Summit Avenue this afternoon, the veteran builder of railways shifted his cigar from finger to lips and between occasional puffs explained the reasons for his prophecy amplifying the views he recently gave to The New York Times, and later repeated to President Taft, who was astonished by them.

"He declared it would be futile to discuss the outward things that confront the American people; that the country faced no panic, and that matters would finally adjust themselves after experience and much money lost had contributed to the solution."

"But just in order that you may see," he said, "I don't care to have publicity given to my statements."

"When I told President Taft a few days ago," Mr. Hill went on, "that there were so many thousands of men thrown into idleness next year he was almost incredulous of my sincerity. But I am not making a guess; it will be a fact."

Here Mr. Hill paused for a few reflections upon the Chief Executive, parenthetically declaring that the President was a "good fellow," and that he "meant well," but adding that he has made two or three times, though strictly maintaining his innocence. As he was being looked

TOGO EXPLAINS.
The great detective solves the mystery of Republican defeat in Next Sunday's Times.

BATTLE IN MEXICO; REBELS ARE ROUTED
Driven Into Mountains After Fight Near Chihuahua—15 Slain, Many Wounded.

'TRANQUILLITY' IS REPORTED
Ambassador Barra Gets Word That Entire Republic Is Quiet—Puebla Fatalities Exaggerated.

NEW ARREST IN ASBURY PARK CRIME
German Nurseryman Held as a Material Witness in the Killing of Marie Smith.

PRIVATE DETECTIVES' ARREST
They Talk of Finger Prints Like Him on Child's Clothing and Wish to Accuse Him of the Crime.

Special to The New York Times.
ASBURY PARK, N. J., Nov. 27.—Frank Heidemann, a German helper at Max Krauch's nursery since Oct. 4, was arrested this morning and held under \$2,000 bail as a material witness in the murder of Marie Smith, the 10-year-old school girl who was intercepted and brutally killed on her return from the Bradley School to her home in Walthamville on the morning of Nov. 9. Heidemann, after being questioned for ten hours was released under a surety furnished by his employer.

The detectives, though no formal charge of murder is made against him, virtually accuse him of the crime.

His arrest was brought about by H. C. Schneider, New York manager of the Bureau Detective Agency, who has had copies of men at work on the case for a week, unknown to the other detectives engaged on it. Heidemann spent the day in the office of Sheriff C. B. F. Heistler, being confronted with witnesses and undergoing a series of five questions. It is declared that he contradicted himself several times, though strictly maintaining his innocence. As he was being looked

MORE "PROOFS" FROM COOK
The Doctor Said to Be About to Send Them to Copenhagen.

Special to The New York Times.
BREMEN, Nov. 27.—Johann von Copenhagen that Dr. F. A. Cook has announced his intention to supply to the university there further "proofs" of the journey he claims to have made to the north pole.

The university, which rejected the original batch of alleged evidence, will now accept no evidence which is not of a strikingly convincing prima facie character.

IDENTIFY MORE NEWARK FIRE VICTIMS
Total Number of Dead in the Factory Horror Probably 23 or 24.

FIVE MORE LIKELY TO DIE
County Prosecutor to Investigate and Try to Prosecute Those Responsible.

With no more dead taken out yesterday from the factory building which was destroyed by fire Saturday morning in Newark, and with only one or two inquirers at the morgue for missing persons, who convinced the attendants that they were genuine, the belief grew that the full extent of the horror may now be measured.

The number of dead was reckoned last night at twenty-three or twenty-four, and five of those in the hospitals were in so serious a condition that they may die. It was not considered likely that the search at the ruins will result in the discovery of the bodies of more than two or three additional persons.

From this conclusion was drawn that if only three had been more fire victims the loss of life would have been much less. It does not seem likely that more than three or four of the factory employees were so overcome by fire and smoke that they could not reach the wide-down. Eight of them were found dead in one heap in the northeast corner, to which the girls in their panic ran. One was found overcome near the entrance to the building, and most of the rest were killed by the fumes from the windows.

If the girls were able to reach the windows, it was argued by those who were examining the ruins, a proper provision of fire escapes would have afforded them the means to get out in safety, and it was argued that they were not so provident that the girls' lives would be spared. A thorough examination of the side of the calamity is to be begun this

PRESIDENT BUCKHAM ILL.
Doctors Fearful for Professor, for 40 Years Head of Vermont University.

J. BURLINGTON, Vt., Nov. 27.—Matthew Henry Buckham, President of the University of Vermont for nearly forty years, is seriously ill with influenza and a complication of diseases, and his physicians tonight expressed little hope of his recovery. Members of his family have been summoned to the bedside.

President Buckham has been ill for about ten days. He is 75 years old.

TAX ON CHRISTMAS TREES.
Vermont Plans One of 25 Cents to Conserve the Forests.

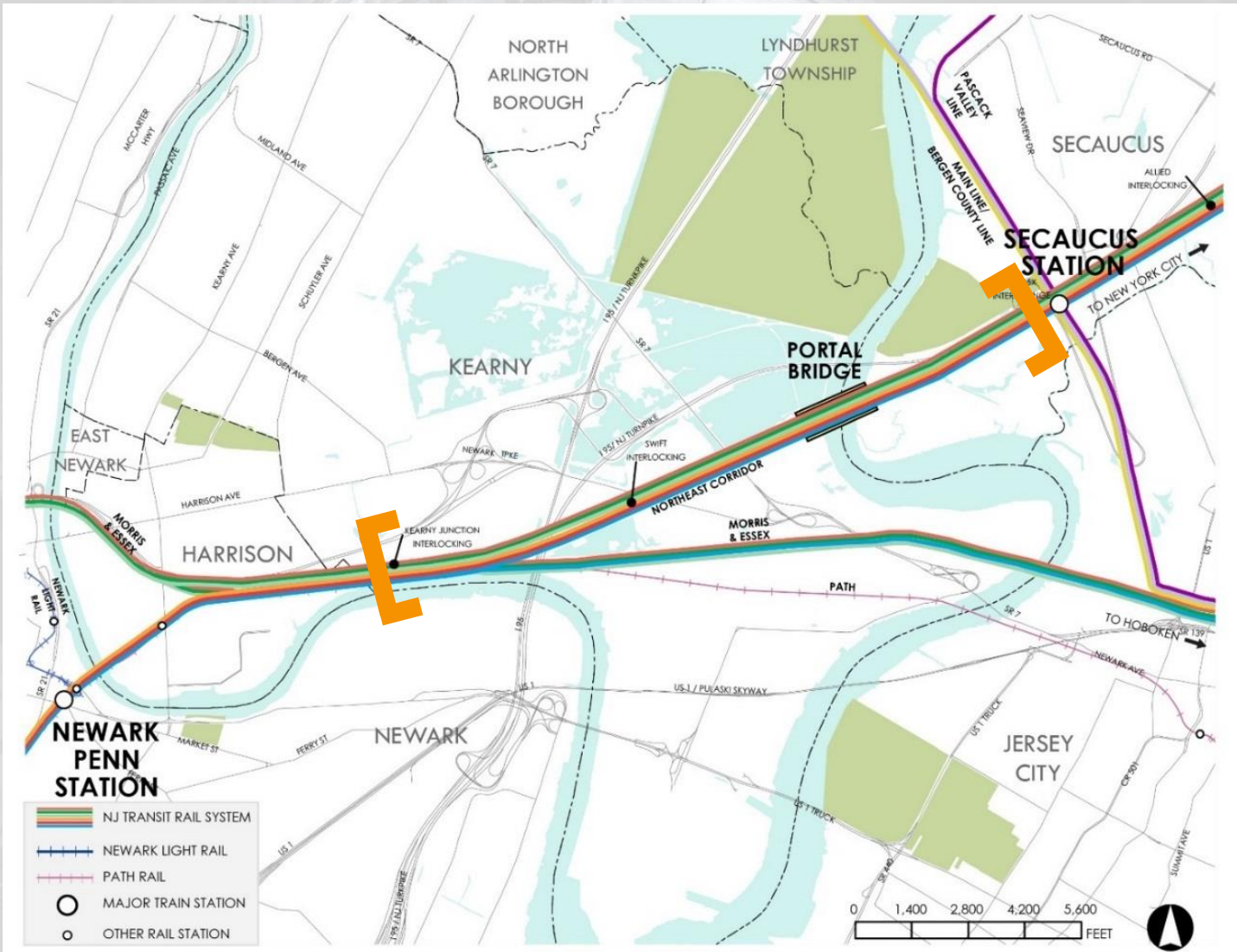
Special to The New York Times.
MONTPELIER, Vt., Nov. 27.—Tax on Christmas trees is expected to pass in the Legislature. It places a tax of one cent on every Christmas tree shipped out of the State. Should the bill pass, the Vermont Christmas tree will disappear from the markets of Boston and New York.

The Legislature already has placed a tax of 10 cents on the sale of Christmas trees.

RICH BOY WAITS ON LABOR.
John Nicholas Brown Serves Newport Workmen with Coffee and Crullers.

Special to The New York Times.
NEWPORT, R. I., Nov. 27.—John Nicholas Brown, the richest boy in the world with a fortune estimated at upward of \$10,000,000, serves hot coffee to the workmen engaged in completing the 1,000-foot race wall on the line water front of the harbor here to tramp nearly three miles to their work, and have no way to go home to dinner. All bring their

Portal North Bridge Project Area




Portal North Bridge

Reliable Service, Longer Trains, More Seats



- » **Fixed, two-track** bridge
- » **50 feet clearance** above mean high-water
- » **2.33 mile** project area
- » **25 multi-level cars** to provide a greater than 10% increase in peak hour passenger capacity
- » **New signals and power supply**
- » **Demolition** of existing bridge
- » **90 mph** speed limit

Portal North Bridge Project Milestones



FTA NEPA Decision	July 2017
Early Construction Work Notice to Proceed	August 2017
President's Budget Submittal	September 2017
<i>- Update to September 2016 Submittal</i>	
Request to Enter FTA's Engineering Phase	November 2017
Full Funding Grant Agreement / TIFIA Loan Execution	Mid 2018
Major Construction Start	Mid 2018
New Bridge Completed	2024



**MOVING
GATEWAY
*FORWARD***